

## ABSTRACT

Disclosed is an alkaline battery including a positive electrode, a negative electrode and an alkaline electrolyte, (1) the positive electrode having a positive electrode material mixture containing electrolytic manganese dioxide and nickel oxyhydroxide, (2) the nickel oxyhydroxide having a crystal in which at least Mg is dissolved, and (3) the nickel oxyhydroxide having a tap density determined after 500 taps of not less than  $2 \text{ g/cm}^3$ , an average particle size based on volume of 8 to 20  $\mu\text{m}$ , and an average nickel valence of 2.95 to 3.05.